

20001230.qrp v02_n052.qrl.20001230

Date: Sat, 30 Dec 2000 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2052

QRP-L Digest 2052

Topics covered in this issue include:

- 1) [87518] Trashin' the hi-fi & other questions
by nilsbull@juno.com
- 2) [87519] [PROP] New Year's Conditions
by "Paul Harden, NA5N" <na5n@rt66.com>
- 3) [87520] Re: Oldest QRP Contest
by Johannes Hiller <HANNES@ulmnetz.de>
- 4) [87521] Re: Phillips RF Wideband Transistor Kit
by Bill Lazure <n2tpa@juno.com>
- 5) [87522] Re: Trashin' the hi-fi & other questions
by "Trevor Jacobs" <fxtech@earthlink.net>
- 6) [87523] Re: Speed-X key?
by Nv4t@aol.com
- 7) [87524] Re: Phillips RF Wideband Transistor Kit
by "Trevor Jacobs" <fxtech@earthlink.net>
- 8) [87525] Re: Phillips RF Wideband Transistor Kit
by Mighty Mik <mightymik2@home.com>
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by K4YBB@aol.com
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by Bob Kellogg <ae4ic@nr.infi.net>
- 11) [87528] FOX CUB: Scoring site up to date
by John Wagner <john@neknetwork.com>
- 12) [87529] [ANT] Wanted 20-15-10m Beam
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 13) [87530] [F/S] Elecraft K1 for sale
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 14) [87531] Link for Distance calc on line.
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- 15) [87532] PSK
by mugglesto@megsinet.net
- 16) [87533] The magic of "wireless"
by lenny wintfeld <w2bvh@home.com>
- 17) [87534] Re: Ya' want ur straight key
by DBirn61340@aol.com
- 18) [87535] RV QRP in Atlanta
by "Craig W. Behrens" <craigwb@hiwaay.net>
- 19) [87536] Slightly OT- Maine Ants

- by "Randy Joiner" <biggman@accucomm.net>
- 20) [87537] Re: Oldest QRP Contest
by Johannes Hiller <HANNES@ulmnetz.de>
- 21) [87538] Fox
by Dan Wolfe <n4roa@mounet.com>
- 22) [87539] re: Distance calc on line?????
by Jim Hale <kj5tf@yahoo.com>
- 23) [87540] Re: Warbler Group Building Session
by wd9eyb@butler.qrp.com
- 24) [87541] Re: Phillips RF Wideband Transistor Kit
by Bill Lazure <n2tpa@juno.com>
- 25) [87542] K1 is sold
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 26) [87543] Re: [ANT] Wanted 20-15-10m Beam
by "James R. Duffey" <jamesd1@flash.net>
- 27) [87544] 4 Warblers
by <wd9eyb@butler.qrp.com>
- 28) [87545] Multi modes - PSK, MFSK, Hell, & RTTY
by Jim Hale <kj5tf@yahoo.com>
- 29) [87546] Substituting Variable Caps?
by Ed Kessler <edkess@epix.net>
- 30) [87547] FT-817 A week in Review
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 31) [87548] Re: Speed-X key?
by William R Colbert <w5xe@juno.com>
- 32) [87549] Stew Perry 160m Contest
by "Bob Tellefsen" <n6wg@earthlink.net>
- 33) [87550] Re: Speed-X key?
by w0av@juno.com
- 34) [87551] Re: Substituting Variable Caps?
by n2go@arrl.net
- 35) [87552] Small Wonder Labs DSW-20 for sale
by John Doe <kc0bus@altavista.com>
- 36) [87553] Information Please
by "Kevin Nathan" <k7rx@uswest.net>
- 37) [87554] Parts question and new photos on the website
by "Ed Tanton" <n4xy@att.net>
- 38) [87555] Warbler Group Building Session
by <wd9eyb@butler.qrp.com>
- 39) [87556] FOR SALE NC40A/LDG Tuner/SSK-001 Key
by "Rod Cerkoney" <n0rc@hotmail.com>
- 40) [87557] Computer stuff for sale
by Jeff Grudin <grudin@vdb.com>
- 41) [87558] Re: Ya' want ur straight key
by "Steven Weber" <kd1jv@moose.ncia.net>
- 42) [87559] Key suggestions wanted
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 43) [87560] Cell phone info

- by RangerSF5@aol.com
- 44) [87561] Re: Key suggestions wanted
by "Rick - WW9JD" <ww9jd@arrl.net>
- 45) [87562] Winter QRPp out yet?
by Roger Traylor <traylor@ece.orst.edu>
- 46) [87563] Re: Cell phone info
by "Goody" <k3ng@fast.net>
- 47) [87564] Thanks for Information
by "Kevin Nathan" <k7rx@uswest.net>
- 48) [87565] Re: Cell phone info
by n2go@arrl.net
- 49) [87566] W/R ANT
by hamjoel@juno.com

Date: Fri, 29 Dec 2000 23:54:41 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [87518] Trashin' the hi-fi & other questions
Message-ID: <20001229.235448.-335399.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

I just finished off a 30m Q with Wink/WA8KOQ in Sevierville. He was runnin' a SW30. I had the '2020 cranked down to 5 W & the dipole antoona. We had a pretty nice chat, but just before we signed, I popped the power up to 15 W. Immediate complaints from Cindy in the other end of the house. I was gettin' into her computer speakers.

Earlier I'd had trouble trashin' her sounds with a burst of Hell and some PSK attempts. (Man, are them places crowded . . . which is another story)

All this with the '2020.

So I switched to the K2 and ran the power to 5 W. No problem. Ran the power to 10 W. No problem. Went back to the '2020 at 5 W. No problem. Up to 10 W on the '2020. Problem.

I just finished rewiring the power lines for the radios. They run off one power rail from the SEC 1223, straight to the '2020 with a tap at the '2020's power plug to go over to the K2. A separate power line runs to the amp (which was not in use with the 30m CW Q that this starts with). The power supply, amp, radios, antenna tuner, antenna switches & cables

are all run on the same piece of flattened out braid that goes into the pipe chase & hoses to the upstairs bathroom cold water line, from there out the window & down the side of the house to the ground post (4 ft of it) at the basement window & then in the window & down to a capped off pipe what was once a well in the basement floor. The antennas are at the end of a 75 ft chunk of 50 Ohm Ethernet hose, grounded & all that in a shed maybe 30 ft from the operating position & at least 50 ft from where Cindy's computer is.

Right now I figure it's the '2020 on 30m, for some reason. Be interesting to see if the K2 has a "favorite" band to trash her stuff.

Really, this wouldn't have happened except that (a) I just finished rerouting wires & stuff and (b) Cindy & I are both up here at the same time and on vacation until 2 January 2001. When she gets home from work the last thing she wants to do is sit at a computer and write some more. (Me? Well, you know)

Wink was talking about how great it was to have a garage for his radio stuff, since he'd been in the utility closet before (sounds like me in the outhouse). Sense of justice, I guess.

73

Nils

. . . kinda makes me wonder which radio to take to my brother-in-law's for SKN . . .

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we had to FIGHT to have earphones! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 29 Dec 2000 17:17:20 -0700 (MST)

From: "Paul Harden, NA5N" <na5n@rt66.com>

To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu

Cc: g-qrp@onelist.com, "Prof. Arnaldo Coro Antich" <inforhc@ip.etcusa.cu>

Subject: [87519] [PROP] New Year's Conditions
Message-ID: <Pine.SUN.4.10.10012291706330.21707-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The remains relatively quiet still. Today there was an M1 flare, but will not cause any serious conditions on planet earth.

Solar Flux is in the 180's, and will remain in the 185-175 range over the weekend and New Years Day. This is a respectable solar flux that should continue to support good propagation on the higher HF bands, including daytime openings on 10M. Combine that with the winter tilt of the earth, meaning less heating in the upper atmosphere, it means nice low-power, long-distance skips on 10M when it's open. 20M, 17M and 15M will be in good shape as well.

On the lower bands ... our cooler atmosphere and nothing to trigger any geomagnetic disturbances means 40M and 80M will be a fairly good shape as well. I can't speak for weather conditions in UK and Europe, but here in North America, the unusually cold temps sweeping the country also assist in keeping noise levels low. I suspect the same conditions exist in most of the northern hemisphere right now. In the southern hemisphere ... sorry, you'll see more noise due to your summer and thunderstorm seasons. Canada might experience some active conditions (higher latitudes) due to rapidly changing electron flux levels right now, but nothing serious.

10M is caught between the effects of the solar flux and geomagnetic activity, meaning it should be a rock solid band around the clock.

Conditions for Straight Key Night (SKN) on 40M and 80M sunday nite look very good.

A Happy New Years to all from the slightly snow covered desert of New Mexico :-)

72, Paul NA5N

Date: Sat, 30 Dec 2000 01:23:18 +0100
From: Johannes Hiller <HANNES@ulmnetz.de>
To: w7ox@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [87520] Re: Oldest QRP Contest
Message-ID: <3A4D2AF6.3826B77A@ulmnetz.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

C'mon guys...give it a try at least! Will be anxious to get you in the
contest
log tomorrow!
I will use the call DL0ULM during the contest
72 from Ulm, Germany

de Hannes, DL9SCO (who will definitely be there tomorrow!!)

Phil Wheeler schrieb:

> "Karl F. Larsen" wrote:
> >
> > I got an airmail letter from Dr. Hartmut Weber, DJ7ST containing
> > my poor showing in the contest held July 01/02, 2000. I looked it over and
> > there were exactly 2 entries from the USA, N4BP and myself. I was beat
> > badly by N4BP but that's because he is 2,000 miles closer to Europe where
> > the other guys are.
> >
>
> Yeah, it's tough from out here, Karl. I'm in SoCalif .. even farther
> away, I guess.
>
> 73, Phil W7OX

Date: Fri, 29 Dec 2000 19:20:46 -0500
From: Bill Lazure <n2tpa@juno.com>
To: w7ox@earthlink.net
Cc: qrp-l@lehigh.edu
Subject: [87521] Re: Phillips RF Wideband Transistor Kit
Message-ID: <20001229.194552.-209507.0.N2TPA@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Phil,

This offer was located on the ?Allied? electronics web page. (Might be Allied, Action, Arrow, I just can't remember). On the page, they list a variety of manufacturers and their Samples/offers. You simply fill out a standard sample form (name, address, company, planned use, etc) and

they send you the kit.

I tried to be as honest as I could and told them that these would only be used for personal use and not be part of a manufactured item, and they sent them anyway!

The kit contains 5 each of about 20 different types of SMD transistors with some incredible specs.

73,

Bill
W2EB

Phil Wheeler wrote so succinctly:

>
>
> How did you get on this rather neat mailing list, do you think?
>
> Phil W7OX

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 29 Dec 2000 17:24:04 -0800

From: "Trevor Jacobs" <fxtech@earthlink.net>

To: <nilsbull@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [87522] Re: Trashin' the hi-fi & other questions

Message-ID: <00f301c071ff\$338f4380\$fb14f4d8@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Nils,

I had the same problem with my 40 meter inverted vee on 15 meters. It would do horrible things to my PC including making the mouse cursor run all over the screen! I was getting RF back into the shack on the outside of the coax shield since I was trying to load up a ballanced antenna with unballanced feed line. I ended up installing a 1:1 Balun at the center of the antenna and it cured the problem. The balun I'm using is a Bencher ZA-1A, but since I know a bit more about antenna construction these days, I'd probably opt to build one. There are lots of plans for building baluns on the web, they can be as simple as a few loops of coax. I'm sure that someone in here with a bit more antenna experience can tell you how it's

done. Anyway, hope this helps. Take care...

73

Trev

KG6CYN

> We had a pretty nice chat, but just before we signed, I popped the power
> up to 15 W. Immediate complaints from Cindy in the other end of the
> house. I was gettin' into her computer speakers.

Date: Fri, 29 Dec 2000 20:31:54 EST
From: Nv4t@aol.com
To: n2go@arrl.net, qrp-1@lehigh.edu
Subject: [87523] Re: Speed-X key?
Message-ID: <67.db56367.277e950a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have a real Speed-X straight key and also a bug, both E.F.Johnson from the
50's.tee,hee

NV4T, Bill

Date: Fri, 29 Dec 2000 17:37:52 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <n2tpa@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87524] Re: Phillips RF Wideband Transistor Kit
Message-ID: <010101c07201\$21c70a00\$fb14f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was Future Electronics and the web site is at:
<http://www.futureelectronics.com/> . Check out the section called
"Promotions". I used to deal with these guys a lot when I was an engineer in
Austin. They we're allways real nice folk to deal with. Take care and Happy
Holidays!

73

Trev
KG6CYN

> Phil,
>

> This offer was located on the ?Allied? electronics web page. (Might
> be Allied, Action, Arrow, I just can't remember). On the page, they list
> a variety of manufacturers and their Samples/offers. You simply fill out
> a standard sample form (name, address, company, planned use, etc) and
> they send you the kit.

Date: Fri, 29 Dec 2000 18:02:03 -0800
From: Mighty Mik <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87525] Re: Phillips RF Wideband Transistor Kit
Message-ID: <5.0.0.25.0.20001229180011.009fd800@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:28 AM 12/29/00 -0600, you wrote:

>I got one too, Mark. I'm holding off for future as yet undetermined
>projects for the kit parts. Guess if I never come up with any ideas, at
>least I didn't pay anything for the parts.

it should be mentioned that there are 5 ea of 24 different parts. that's
120 transistors in all.

>Acutally, I would like to see some good ideas come up with.....

well... some of them go above 5GHz...

>Dan W. Dooley WB5TKA Bedford, Texas EM12ku
> e-mail to: dandoooley@pipeline.com
> Web site: <http://www.qsl.net/wb9tka>
>SOC #198, FPQRP # -104
>May Goddes love blest ye alle
>"Ancient Pistol, I do partly understand your meaning."
>
>

>
>----- Original Message -----
>From: "Mark Fancher" <mmfancher@earthlink.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Sent: Friday, December 29, 2000 8:52 AM
>Subject: Phillips RF Wideband Transistor Kit
>
>
> > All:
> >
> > I received my free sample kit of transistors from Phillips. It includes
> > numerous surface mount components (they are sooo very tiny!).
> >
> > Here's what they say on the package: "These 24 parts have been carefully
> > selected from more than 100 different types for the best in performance,
> > size and cost, and for the widest range of application requirements.
> > Applications for these include IF and RF amplifiers, LNAs, buffers,
>mixers,
> > and oscillators, from 10 MHz to 5 GHz".
> >
> > Did anyone else get this sample kit? Any ideas what I could do with these
> > oh so tiny parts (I think I'd have to have a surface mount soldering
>station
> > to use them)? Has anyone successfully built any projects using the
>Phillips
> > transistors?
> >
> > Mark Fancher, W09G
> > mmfancher@earthlink.net
> >

Date: Fri, 29 Dec 2000 21:59:15 EST
From: K4YBB@aol.com
To: qrp-l@lehigh.edu
Cc: K4YBB@aol.com
Subject: [87526] FS: Tubes & 1 Watt 2 MTR XMTR
Message-ID: <86.4f0768b.277ea983@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

QRP-L Group;
I have the following "For Sale."

1 VHF Engenieering 1 watt 2 meter xmtr \$20.00, 1 Amperex 4-125A tube \$35,

5 - 7289 (2c39, I think) UHF Amp tubes \$30 each or \$125 for all 5 (build that 1296 MHz Amp you always wanted to), 2 - 832A tubes with sockets \$25 each or \$40 for pair, 2 - 6JB6A tubes \$25 each or \$45 for pair, 1 - 2E26 \$15., 1 - 6360 \$15, 1 - 0A2 vr tube \$?? , i - 6AH6 \$5, 2 - 7815AL tubes(similar to 7289 but without heat sink) \$20 each, 1 - 416B Microwave tube, make offer. The 6JB6A's, the 4-125A, the 6360, 6AH6, 2E26, snd 0A2 are new, the others are used, All prices are somewhat flexible so make an offer if you see something you need. Don't just sit there, buy something, I need cash for QRP gear.

73

Jim K4YBB

Date: Fri, 29 Dec 2000 15:30:27 -0500
From: Bob Kellogg <ae4ic@nr.infi.net>
To: KLQRP Reflector <klqrp@applegate.org>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87527] Milliwatt contest - Thanks!
Message-ID: <3A4CF463.5D942F36@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, the Knightlites Holiday Milliwatt contest is over, and it was great fun.

Many thanks to the many Club stations who participated. The scores will be wild because of all of the bonus points awarded!

Last night I worked 15 stations during one hour calling CQ with 500 mW. The neat thing was that about half of them were regular QRP stations running three to 5 watts. I don't think they were aware of the contest, but just jumped in to give me points!

The real highlight for me, though, was working Brice Anderson, W9PNE, an octagenarian and QRP Hall of Famer. He was running 50 mW.

Let's do it again, next year!

--

73,

Bob Kellogg, AE4IC, Greensboro, NC, Knightlites QRP Assn.
Proably, not nececelery. - Benny Hill

Date: Fri, 29 Dec 2000 23:49:02 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87528] FOX CUB: Scoring site up to date
Message-ID: <3A4D693E.563C62C6@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Fox Cub scoring site at <http://www.neknetwork.com/foxcub2000/> is up to date with the addition of this past weeks cub hunts. There are maps depicting a replay of these exciting hunts for your viewing pleasure.

AF4PS and W9WIS are tied for first place with 18 out of 20 pelts each and W0CH is alone in second with 17 out of 20.

Just a reminder; you can see you own personal "Hound Log" by finding your call in the scoring list and clicking on it.

The Fox Cub web site is at: <http://www.qsl.net/k5di/fox/>

Happy New Year to all - 73,

John, KB1ENS

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Sat, 30 Dec 2000 04:49:15 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [87529] [ANT] Wanted 20-15-10m Beam
Message-ID: <5.0.2.1.0.20001230044137.00a15e00@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Wanted: 3 band beam for Nov CW SS in 2001.

1. Must be small and fairly light for use with small rotator.
2. Will trade performance for portability, but I'm not interested in dummy load.
3. This beam be hauled to WY and put on a portable tower.
4. Can be a kit or homebrew specs and I'll build it.

Please, email me direct and I'll collect and analyze data.
I'm sure QRP-L is not interested in this special case.

I'll weigh all the factors that I need to make a decision. Heck.
I might just experiment between now and then with several and have
on the air tests.

I have not eliminated any commercial manufacturer at this time.

40 meters will be done with wire antennas. I most likely will not be doing 80
meters.

Thanks in Advance,

Chuck Adams, K7Q0
Prescott, AZ k7qo@primenet.com

Date: Sat, 30 Dec 2000 05:06:42 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [87530] [F/S] Elecraft K1 for sale
Message-ID: <5.0.2.1.0.20001230045957.00a1bec0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

For sale: Elecraft K1 Serial Number 42
Price: \$275 includes shipping USofA

Bands are for 40 and 30 meters.

Rig works great. I'm just going to all K7Q0 homebrew and the rig

is just going to sit on the shelf. I'd like to see it get a good home.

Only used a 2W for foxhunts and 1W all other times. In fact I worked a UT station on 30m on Wednesday. I called CQ at 1W and he came back and I thought he was down the street. So I cranked the rig down to as low as it would go and the OHR was reading about 150mW and he was still copying me at S9 on his FT-1000MP. That was when I wished I could have gone even lower. I think we could have done 1mW or better.....

See

<http://www.elecrafter.com/>

for the specs if you have been in a cave or something. :-) ;-)

FYI

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

Date: Fri, 29 Dec 2000 22:00:56 -0800
From: "Denis Englander" <ko6gf@slip.net>
To: <kb7ww@chatusa.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [87531] Link for Distance calc on line.
Message-ID: <003f01c07225\$e07e3da0\$f1507fd8@sirus.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here ya go...

This one works it either way!

<http://www.qsl.net/n9ssa/mpwcalc.html>

Thanks to the first person that put it up here some time ago...I think that's where I got it!

72/73 de K06GF - Denis in SF

----- Original Message -----

From: "KB7WW Art Moe" <kb7ww@chatusa.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, December 28, 2000 8:44 PM
Subject: Distance calc on line?????

> Is there a distance calculator on line that uses LAT/LONG instead
> of grid squares.
>
>
> Art
> KB7WW
>

Date: Fri, 29 Dec 2000 23:07:12 -0700 (MST)
From: mugglesto@megsinet.net
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [87532] PSK
Message-ID: <Pine.LNX.4.10.10012292257170.732-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just completed my FIRST ever QSO using PSK and my computer-to-radio connector from BUX Comm Co (Buck Communications I think - I'm writing the dark as the XLY is asleep so I can't read the paper in front of me). The kit went together quick and easy, hook up was straight forward and it works FB.

Now that I've deleted ALL the PSK emails over the last few months does anyone have a good list of the HOT spots?

I did one modification - Mine was designed to hook directly into the MIC connector in my Alinco DX-70. No other wires to run from the rig to the box as both the in and out sound go through the MIC connector. Not wanting to have to disconnect and re connect the MIC PSK I built an adaptor that runs through an A/B switch I got for \$5 at RS.com. Now the MIC goes into a little Altoids box and out the back to a D9 connector. The PSK output also goes to a D9 and both hook up to the A/B switch. Out of the A/B to the radio. So with a flip of a switch I have either my MIC or my PSK. Works great.

de KI00T, Brad

Date: Sat, 30 Dec 2000 01:25:26 -0500
From: lenny wintfeld <w2bvh@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87533] The magic of "wireless"
Message-ID: <3A4D7FD6.41881597@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi!

This is a "fourth generation" email (a forward of a forward....etc).

Gives some perspective at the start of the next century.

> > > As the father of a five-year-old and a
> > > nine-year-old, I have gotten used
> > > to their constant amazement at the primitive
> > > technology available when
> > > I was their age. Having been born while dinosaurs
> > > still ruled the
> > > earth, I was not blessed with VCRs, DVDs, CDs, and
> > > all the entertainment
> > > acronyms they take for granted.
> > >
> > > Even so, the latest episode with my son surprised me
> > > as to how different
> > > things are for kids today. Hours before Gore's
> > > concession speech, my
> > > cable TV feed went out, leaving us with nothing but
> > > snow and static on
> > > the screen. For my kids, this means that TV is now
> > > unavailable, so they
> > > find other things to do. I was not about to miss
> > > the historic event,
> > > so I headed to the garage, returning with some coax
> > > and a length of
> > > wire. My son, 5, watched with that "my father has
> > > lost his mind" look
> > > as I connected the coax and wire to an auxiliary
> > > input jack on the TV.
> > >
> > > When I turned on the TV and a picture appeared, his

> > > jaw dropped! He
> > > was stunned! "You can get TV *out of the air*? How
> > > does this work?" He
> > > quickly got his sister to witness this apparent
> > > miracle, who was equally
> > > amazed. When I demonstrated that you could get more
> > > than one channel,
> > > my place in broadcasting history was sealed, at
> > > least for my children.
> > >
> > > As a result of this impromptu experiment, I am
> > > convinced there will be
> > > a huge market among the 18-24 year old demographic
> > > for my new product,
> > > wireless television. Interested investors should
> > > contact me for a
> > > ground-floor opportunity in this exciting new
> > > marketplace!
> > >
> > > Chuck Musciano
> > >

Date: Sat, 30 Dec 2000 03:24:42 EST
From: DBirn61340@aol.com
To: qrp-l@lehigh.edu
Subject: [87534] Re: Ya' want ur straight key
Message-ID: <7c.f9abddc.277ef5ca@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Inspired by the cool pictures and having no straight key, I also decided to try and create my own. I used an altoids tin (what else?) wiighted with a roll of pennies for the base. I went to Tap Pastics and found some of the thin ? 3/32 ABS plastic and the little clear half inch cubes that are used in my MK 44 paddles. I even found some plastic disks to make a knob for the other end. I cemented a strip of plastic on the cube and bolted it to the altoids tin. I mounted a radio shack mini push button under the other end and added a bit more plastic to close the gap between the key arm and the push button. I sort of looks like a key and it seems to work. Its a bit squeaky and I'm really keyer-spoiled but I can send what sounds like CW with it --- slowly. Need to practice more before I try a qso with it.

Is there a better switch to use for the contact ? Are there other homebrew straight key ideas out there? I thought about building one with copper clad circuit board and a using an adjustable bolt for the contact -- like the

P-Tic but set up vertically. Maybe tomorrow since I stilll have more mint tims.

Dan
AD6JY

Date: Sat, 30 Dec 2000 06:48:06 -0600
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "QRP-L QRP-L" <qrp-l@Lehigh.EDU>
Subject: [87535] RV QRP in Atlanta
Message-ID: <LPBBIKBNB00LHAAJAHJGAEGOCFAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just returned from a week in Atlanta where I operated RV QRP. I was wondering how many on the the list are full-timers or frequently travel and operate from a motorhome or camping trailer.

This was the first time I experienced 17 degree temperatures while living in my 33-foot Catalina Class-A motorhome. With a few adjustments, we were as-snug-as-a-bug-in-a-rug. Travel gets tricky though, because you want to avoid road ice, etc.

This time, I used an FT-817 with a High Sierra screwdriver type antenna. In past trips I used my Argo-II with an 18-foot push-up pole (Home Depot special) with 2 ham sticks configured as a 10-meter dipole and wire antennas. Worked a bunch of DX this way.

As Editor of the QRP Quarterly, I am also interested in gathering whatever RV QRP information and article ideas you might have to offer together for a project I'm working on for the April issue. Please share your RV QRP experiences, problems/work-arounds, locations, ideas, etc. with me to help me out.

Thanks, I look forward to your direct e-mail responses.

72/73 & DX,
Craig W. Behrens--NM4T
Madison, AL

Date: Sat, 30 Dec 2000 08:34:45 -0500
From: "Randy Joiner" <biggman@accucomm.net>
To: <qrp-1@Lehigh.EDU>
Subject: [87536] Slightly OT- Maine Ants
Message-ID: <001d01c07265\$46e2b5a0\$72859bce@accucomm.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now it would appear to me that some excellent antenna raising weather is fast approaching upper New England. Just the kind of stuff that will give ole Joel the incentive to get out and raise another one of his wonders. I can't wait to read all about it.....that being of course, he is still able to write when it is over! :-))

Randy N4SX

Date: Sat, 30 Dec 2000 14:35:09 +0100
From: Johannes Hiller <HANNES@ulmnetz.de>
To: w6toy@erols.com, Ron Polityka <wb3aal@fast.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87537] Re: Oldest QRP Contest
Message-ID: <3A4DE48D.5ADBAF3D@ulmnetz.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello gang,

thank you for your interest and willingness to heat up the contest!

Here are the rules, unfortunately in german language but I will translate the most important information...time is running short because it starts in one and a half hours from now...

> Date: 30/31 - DEZ - 2000 (= 1. Wochenende nach 1. Weihnachtstag)
> -----
>
> Time: Sat 1500 UTC bis Sun 1500 UTC.
> 9 hour break in one or two segments.
>
> Bands: CW-Segmente im 80-, 40-, u. 20m-Band
>

> Call: OQRP Test (=Original-QRP-Contest)

>

> Classes: V L P (1W out / 2W in) Q R P (5W out / 10W in)

> M P (20W out / 40W in) No QRO-Class

>

> Betrieb: Single-OP CW. Es duerfen mehrere, aber zu jedem Zeitpunkt

> nur jeweils ein TX oder TRX betrieben werden.

>

> Exchange: RST, Serien-Nr. und /Klasse, z. B. 559001/VLP.

> Serienrapporte koennen zur Wertung als Checklog fuehren!

>

> QSO-Punkte: Der Auswerter berechnet 4 Punkte fuer ein QSO mit einer

> Conteststation, deren Log vorliegt.

> Alle anderen QSO zaehlen 1 Punkt. Im QSO mit Stationen

> ausserhalb des Contest genuegt der Empfang von RST.

>

> MP-Punkte: Jedes DXCC-Land zaehlt 1 Multiplikatorpunkt pro Band.

> Jedes DXCC-Land aus einem QSO mit einer Conteststation,

> deren Log vorliegt, wird vom Auswerter mit

> 2 Multiplikatorpunkten bewertet.

>

> Endpunkte: Summe der QSO-Punkte multipliziert mit der Summe der

> MP-Punkte der drei Baender.

> (Die Berechnung der Endpunkte kann nur durch den Auswerter

> erfolgen, da der Teilnehmer nicht vorhersehen kann,

> welcher Teilnehmer sein Log einsenden wird oder nicht).

>

> Daher ist jedes Log wichtig und willkommen,

> auch nur 3 QSO auf einer Ansichtskarte vom Urlaubsort!

>

> Abrechnungsblatt: anzugeben sind Name, Rufzeichen, Adresse und die Zeiten

> der Mindestpausen sowie alle verwendeten TX oder

> TRX mit Output oder Input nach Herstellerangaben oder

> gemessen unter Contestbedingungen.

> Bei Selbstbaugeraeten bitte PA-Transistor oder -Roehre

> angeben sowie ggf. die Quelle (z.B. SPRAT Nr. ..)

>

> Logfuehrung: Die QSO sollen nach Baendern geordnet aufgefuehrt werden.

> Beanspruchte Multiplikatoren bitte durch Eintrag des

> DXCC-Praefixes in einer dafuer vorgesehenen Spalte des

> Logs kennzeichnen. Logs bis zum 31. Jan. an:

> Dr. Hartmut Weber, DJ7ST, Schlesierweg 13, D-38228

> SALZGITTER

> oder ueber Packet Radio an DJ7ST @ DB0ABZ

>

>

So, we hope to hear some of you around 14060 later on.

Gotta run to get my rig together...CUL

72 from Ulm, Germany

de Hannes, DL9SCO (DL0ULM/P in the contest)

Date: Sat, 30 Dec 2000 09:17:23 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-1@Lehigh.EDU
Subject: [87538] Fox
Message-ID: <3A4DEE73.73A1@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Happy New Year to all,

It's my turn to be the target again in the Cub Fox hunt. The date and time is this Monday, 01/01/01 at 9 PM local time. That will be Tuesday, 0200Z until 0400Z. Two of us will be on at the same time, so I will try to stay lower in the band than the normal 7.143 that most have been using lately. Look for me around 7.137/38. It will be better to call off frequency a little if possible. Anyway, just be sure to call..hee hee Speed is 10 WPM, so no excuse about being too fast.

Jerry, W0MC, should be on also. Please be sure to look for him either before or after me.

Gonna use the K2 @ 5W and my 450 foot horizontal loop. Listen for CQ Fox de N4ROA.. Exchange will be "your call", RST, VA, Dan, 5W. Then give me your info similar to same format. My speed will remain at 10 WPM but if that speed is too slow, just answer at whatever you prefer. Most everyone already knows the procedure, so not gonna go into anymore detail. Let's have some fun. If I hear some slurred dits and dahs, well, you and I will know the reason. heee hee Jump in anyway. I will try to remember to put another reminder on here Monday.

72..Dan, N4ROA

Date: Sat, 30 Dec 2000 06:25:47 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [87539] re: Distance calc on line?????
Message-ID: <20001230142547.35496.qmail@web10004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This is what I use to figure miles per watt. It will
take grid squares or lat/long.

<http://www.qsl.net/n9ssa/mpwcalc.html>

QRPP rules!!

Jim KJ5TF
"All Milliwatts, All The Time"

=====
<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
<http://photos.yahoo.com/>

Date: Sat, 30 Dec 2000 09:54:20 -0500 (GMT+5)
From: wd9eyb@butler.qrp.com
To: Rick - WW9JD <ww9jd@arrl.net>
Cc: qrp-l@lehigh.edu, wvara@butler.qrp.com
Subject: [87540] Re: Warbler Group Building Session
Message-ID: <Pine.LNX.3.95.1001230093822.18755A-1000000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rick,

I am at Corporate Square, 2901 Ohio Blvd., Suite 250.
The phone number is 812.238.0584.
I will listen on 146.52 MHz.

Oh yeah, we start at 1:00 PM.

To get here, get on I-70 and come West until you come to the exit for State Road 46 for Terre Haute and Bloomington.

Don't go to Bloomington.

Head North on State Road 46 until you come to Poplar Street, which is about 2 miles after you get off I-70.

There is a traffic light at Poplar Street.

Turn West, left, on Poplar Street.

After about 1.5 miles you will go down the hill to the light at Fruitridge Avenue. Proceed on straight.

After 0.5 miles you will come to the light for Brown Avenue.

Turn North, right, on Brown Avenue.

After 1 block you will come to the stop sign for Ohio Blvd.

Turn West, left, on Ohio Blvd.

Come 3 blocks West on Ohio Blvd. and you will see Corporate Square and the South, left, side of the street.

Pull into the parking lot in front and come to the main entrance.

Hopefully I will be there waiting to let you in.

If you get in come to Suite 250 on the second floor on the East end.

If we're not there we might be in the conference room downstairs.

The big conference room is on the north side of the hall east of the main entrance. The small conference room is on the north side of the hall west of the main entrance.

Hope to see you.

Jim, WD9EYB

On Fri, 29 Dec 2000, Rick - WW9JD wrote:

> Hi Jim,

>

> On 28 Dec 2000, at 8:06, wd9eyb@butler.qrp.com wrote:

>

> > Two Warblers will be built at the Warbler group building session this
> > Saturday. If you would like to join the group, just let me know.

>

> I'm coming over, and I'm going to put out a QRP-L message today
> to see if any others want to come with me from the Indy area.

>

> If you could give me an address, I can get a MapQuest map.

>

> TNX

>

>

>
> 73,
>
> Rick
> <><
> -----
> Rick Dubbs WW9JD
> Greenwood (near Indianapolis), Indiana USA
> CARF #278; QRP-L #2184
>

Date: Sat, 30 Dec 2000 10:00:15 -0500
From: Bill Lazure <n2tpa@juno.com>
To: qrp-l@lehigh.edu
Subject: [87541] Re: Phillips RF Wideband Transistor Kit
Message-ID: <20001230.100847.-162681.0.N2TPA@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

"Mark Fancher" writes:
> Ok, Bill, whatza usin 'em fer?

Oops, I forgot to mention that. I figured I'd board Jim Kortgfe's 2N2/6
Xverter. These transistors would do quite well in the oscillator and
receive section. Ought to shrink the board down considerably as well.

Bill
W2EB

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 30 Dec 2000 15:20:51 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [87542] K1 is sold
Message-ID: <5.0.2.1.0.20001230151902.00a16960@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Yep, it went as fast as pancakes at a free breakfast!!!

Looks like I'm going to have to build them for guys....

dit dit

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

Date: Sat, 30 Dec 2000 08:44:41 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <k7qo@primenet.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [87543] Re: [ANT] Wanted 20-15-10m Beam
Message-ID: <B67350F9.49B1%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Chuck - I have several suggestions:

1. The Hy Gain TH-2 2 element tribander is easily portable and put together. Wayne Overbeck used this as a reference antenna for his May 1979 Ham Radio article on Quads vs. Yagis. He found the performance on a par with the 3 element trapped tribanders of the day. With just two elements it should be easy to put together, erect, turn with a rotor, and transport than the typical three element tribander. I don't know if MFJ is still making the TH-2 or not. It is in their catalog, but they often do that before they produce a product to see if there is interest in it.

2. A 2 element quad is a good performer and not all that hard to erect. There was an article in QST back in the 70s that showed how one ham erected a quad for 15 M on the back of his camper in 20 minutes. See L. B.'s page to find the "best" dimensions for quads.

3. You might consider building a 2 element Yagi, feeding it with balanced feeder and using it on all bands. This should be easy to do with an

automatic tuner. You can use small runs of Coax to get around the rotor. While a 20 M Yagi will have the best gain, a 15 M one will be easier to manage.

4. Tom from Force 12 has a nice portable setup that he takes to Pacific on each year. I'll bet you have seen it. He uses a C3ss I think. The tower is pretty spiffy too, square aluminum tubing that mounts in the trailer hitch of a pickup. That whole rig would be pretty expensive though.

5. You might consider a single element dipole. Erected at a half wavelength above ground these show some directivity, and the gain is not too much below what a small beam would have. Big advantage in being able to rotate it to get rid of the QRM. I am pretty sure that Force 12 will sell you just the driven element of a C3SS, or any other of their tribanders for that matter. Making one yourself would not be too bad.

6. Quite often there are used tribanders for sale at hamfests. These are often "basket cases" with missing or bent tubing. However they are cheap, and a good source for traps to build your own tribander. The traps are usually the most difficult part of a beam to construct well. Good aluminum tubing is available from Texas Towers.

Where in Wyoming are you going? North of Lusk there is a nice picnic/rest area on the side of the road that is on the top of a big hill. It has very nice radio horizons in all directions, particularly to the east and south.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 30 Dec 2000 10:48:55 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-l@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [87544] 4 Warblers
Message-ID: <Pine.LNX.3.95.1001230104600.22193A-100000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think we might have 4 Warblers to be built at the group building session this afternoon. So, we'll be in the conference room. My office is too small for that many. Bring a protective mat for the table. I have 3 but if lots of people show up we'll need more.

Jim, WD9EYB

Date: Sat, 30 Dec 2000 08:43:39 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [87545] Multi modes - PSK, MFSK, Hell, & RTTY
Message-ID: <20001230164339.18728.qmail@web10007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If you are on psk31 or considering it take note of this. If you hav'nt tried it yet, after reading this you may take the plunge!

If you setup the cables, and connections for psk31, then you are already setup for several more digital modes!

All you need to do is download the software, setup, and get on the air.

Bob N9ZZ, AR QRP #1 introduced me to psk31 in spring. He had to help me on the basics, but it was easy to pick up from there. Each additional sound card digital mode is a snap to get going after you've done psk31. Tuning in signals on multi modes is a fun learning experience.

Last night Bob and I were able to experiment a little with Hellschreiber, and MFSK16 on 80M around 3.580MHz.

My antenna was a 30% reduced vertical with 4 raised radials. And Bob was on his loop. He wasnt able to get much of my Hellschreiber signal & I was QRO 5w. I did get a readable copy on Bob.

But when we changed to MFSK16 he copied me fine! We agreed that when my inverted Vee dipole is back operational, (de-iced) we should try Hellschreiber again.

No doubt that MFSK16 is excellent for short distance comm. Bob and I are abt 80 miles apart.

There was another MFSK16 QSO going on near us last

evening, plus a couple psk31 QSO's. I think I heard RTTY at one point.

Like contesting? Its true that psk31 is mainly a rag chewing mode, and very relaxed. You wont find allot of contests for psk31. You have the TARA PSK Rumble, and the new QRP ARCI contest.

If you like contesting, (and rag chewing) just get MMTTY by Mako JE3HHT. You will be ready for numerous RTTY contests. Download MMTTY here.

http://www.geocities.com/mmtty_rtty/
Did I mention its FREE?

Zakanaka 1.0 by K4CY is just out, and does psk31 and RTTY. Best of all it interfaces perfectly with Logger. Download both at this website. If you think you might want Zak later, dont wait. Download it NOW, as it might not be available long.
Dont have any logging software? Download Logger by K4CY, I would think it would be just fine. It does allot more than keep a record of your QSO's!

<http://www.qsl.net/kc4elo/>
Did I mention its FREE?

Another interesting mode is MFSK16. Download Stream V0.87 by Nino, IZ8BLY. Activity is on the up-swing around 3.580, 14.080, 21.080, & 28.080. Stream also interfaces with Logger, so you will want a copy of Logger!
Get Stream here.
<http://iz8bly.sysonline.it/>
Did I mention its FREE?

Another very cool mode is Hellschreiber. Hell also interfaces with Logger. Get Logger! Not nearly as much action as MFSK16, but once you've tried Hell I think you will like it. Its the only digital mode where the print is a fax like display. Very deferent!! And cool. Again we thank Nino, IZ8BLY for his V3.6 Hell software.

Download Hell here.
<http://iz8bly.sysonline.it/>
<http://www.qsl.net/zl1bpu/>
Did I mention its FREE?

What do these modes sound like? You can listen to sound files, and read all about these modes at this website.

<http://www.teleport.com/~nb6z/about.htm>

Not only are all these modes available FREE, but you can get help on E-lists like digital radio, psk31, MFSK16, Hellschreiber, and MMTTY.

There are so many ways to QRP. CW is tops, but why limit yourself? And if you DO like psk31, then you are already connected for all these other interesting modes.

You may later decide that psk31 is for you, but then again you can always try something new. If you never use it again, you still have gained from the experience.

I have learned how to use all these modes, and now when I tune across the band I am able to have QSO's in many modes. These new modes are already popular in Europe, and catching on world wide.

Best 72/3's to all, and happy new year!

de Jim KJ5TF
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
<http://photos.yahoo.com/>

Date: Sat, 30 Dec 2000 12:24:53 -0500
From: Ed Kessler <edkess@epix.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87546] Substituting Variable Caps?
Message-ID: <5.0.2.1.0.20001230122227.009ee730@mailhost.epix.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Happy New Year to All!

Can one substitute Murata trimmers for specified mica compression caps? I've got a bunch of Muratas but not too many mica compression types.

73s

Ed AA3SJ

Date: Sat, 30 Dec 2000 12:36:41 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [87547] FT-817 A week in Review
Message-ID: <000201c07287\$1ed682e0\$7ff4fea9@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was away on vacation the last week and had a chance to use my new FT817 while in Florida.

I found the rig to be very versatile and used it for the following.....

I made several contacts (mostly cw but some ssb) on 40-10 with 1 - 5 watts using 40m dipole thrown into a nearby palm tree. I found the receiver to be very good and, even on 40m where there was alot of noise, had no problem working without the CW filter.

I was able to work one fox and found the split VFO operation very nice.

I listened to several South and Central American stations during a few 6 meter openings with the 6m rubber duck. I would have fared much better if I had brought some wire for a 6m dipole as well.

I also used the rig to make some satellite contacts (the lack of full duplex operation which is useful for satellite qso's was not problematic at all).

The rig was used in the car to keep in touch with another family member via 2m and 70cm repeaters.

It was pretty hard on batteries, although, most of the battery time was spent trying to make contacts on some of the satellites using 5 watts.

All told, I found the rig to be extremely versatile, easy to use and a great all-around performer for the various activities I enjoy. In one package it replaced the AEA 10m HT, the portable 2m, 6m and 70cm Icom ssb/cw rigs that I used for VHF openings, my SW rigs and my 2m/440 HT. Although some of these may continue to have use for other things, it is great to have something that can do all these things and more in a unit that is not much larger than a large HT and can be carried in a lunchbox.

Scott
AC3A

Date: Sat, 30 Dec 2000 10:11:37 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [87548] Re: Speed-X key?
Message-ID: <20001230.104336.-587135.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Well, unfortunately I don't have a Speed-X straight key, but I do have a Speed-X bug, by Les Logan Co, of San Francisco, Model 510, Serial T10. I think EFJ picked up the Les Logan Speed-X line in the early to mid 50's - remember seeing the ads, along with the Johnson auto tuned vertical to go along with the other fine equipment.
Have a J-38 along with at least one J37 with knee mount and one without - will have to see which handles the best for SKN.

Ah, memories!!
73
Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

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Date: Sat, 30 Dec 2000 10:08:54 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [87549] Stew Perry 160m Contest
Message-ID: <002501c0728b\$92a6cf00\$b9dbfc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Had a good reminder of how quickly the band dies out in the morning.
Got on at 7 AM PST (startof contest) and worked 16 stations in the first
hour, including KH6ND on my first call.
By 8 AM, the band was down to two lone stalwarts CQing their hearts out with
no replies that I could tell. I packed it in and went to breakfast.
Will be back on around 3 or 4 PM PST to see if anything coming alive yet. I
remember
how the ARRL 160m contest went, so not likely to be much activity until
around 4 PM here on the left coast.
Enjoyed hearing the familiar calls.
73 and good luck to us all.
Bob N6WG
Newark, CA on SF Bay
CM87

Date: Sat, 30 Dec 2000 12:12:28 -0600
From: w0av@juno.com
To: w5xe@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [87550] Re: Speed-X key?
Message-ID: <20001230.121506.-260285.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Ray & All,

The last time I used a J-38 "Knee Key" was during WW2 when I operated
from an "armored car" with the 113th Cav. Recon. Sqdn. in Germany.

Only problem was the clamp was so tight that you had to take it off, get up and walk around every hour or two to avoid paralyzing your keying leg.

C U on SKN. I'll be on 40M using a WW2 BC459 command transmitter (whoop, whoop), on 80M with a TPTG 210 oscillator (brack, brack) and other bands with K2. Key will be an old pump handle I used on my first commercial op job in 1941.

72/73/74 de George/W0AV
SOC#101

Date: Sat, 30 Dec 2000 08:32:13 -0500 (EST)
From: n2go@arrl.net
To: Ed Kessler <edkess@epix.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87551] Re: Substituting Variable Caps?
Message-ID: <Pine.LNX.4.21.0012300830220.1044-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What are you using the caps for ? RF or oscillator adjustment.
If RF, how much power?
What capacitance you you need?

73,

Jim n2go

Date: 30 Dec 2000 11:07:28 -0800
From: John Doe <kc0bus@altavista.com>
To: qrp-l@lehigh.edu
Subject: [87552] Small Wonder Labs DSW-20 for sale
Message-ID: <20001230190728.29287.cpmata@c012.sfo.cp.net>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Just a reminder; the Small Wonder Labs DSW-20 on eBay will expire on New Years Day at 18:31:46 PST. Don't let this one get away!

Find the best deals on the web at AltaVista Shopping!
<http://www.shopping.altavista.com>

Date: Sat, 30 Dec 2000 13:07:19 -0700
From: "Kevin Nathan" <k7rx@uswest.net>
To: <qrp-l@lehigh.edu>
Subject: [87553] Information Please
Message-ID: <00c201c0729c\$1e1aa060\$0300000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Earlier today there was a post from someone selling a Small Wonder Labs DSW20 on Ebay. I looked at this item but it didn't say much more than what the message did. Can someone on this list please tell me what this rig is? Is it just 20 meters or more?

thanks much and 73.
Kevin, K7RX

Date: Sat, 30 Dec 2000 15:16:51 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "Walt Amos K8CV" <k8cv@worldspy.net>, "Alberto DeSilva LU1CV" <uranito@infovia.com.ar>, "Allen Bond" <wb4gnt@arrl.net>, "Andy Talbot G4JNT" <ACTALBOT@dera.gov.uk>, "Boatanchors Reflector-Jack" <boatanchors@theporch.com>,
Subject: [87554] Parts question and new photos on the website
Message-ID: <CKEGICNFDIMCEKEDCEHFOEJDFFAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks... First: I have a parts question: I have a number of what I THINK are Tantalum caps with NO marks on them whatsoever. They DO have what looks like a piece of wire "under the solder" on one end (of every cap large or small). I figure THAT's the indicator... but what is it telling me? Positive end, or negative end. I have forgotten what the tantalums that have just a dot (or sometimes a stripe) indicating polarity are telling you... and figure the wire on the end is saying the same thing-whatever that is. Any suggestions?

On another note: I DID get the film/slide scanner (2700 dpi x 2700 dpi x 36bit (optical resolution) for Christmas, so I can now begin placing some of my old photos that I think are worthwhile within the Photo Gallery in my website. That page is: http://www.qsl.net/n4xy/photo_gallery1.html . Please stop by, and let me know what you think.

73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 30 Dec 2000 15:19:02 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-l@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [87555] Warbler Group Building Session
Message-ID: <Pine.LNX.3.95.1001230151609.28848A-100000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, we had a couple of poop outs but we're building.
Here's a picture of Roy, KG9GN, and Steve, KB9RQH, building away.
<http://butler.qrp.com/~wd9eyb/psk80/gnrqh.jpg>
I'm just trying to stay out of the way.
Steve is finishing up his Warbler from the previous session.
We're in my office after all instead of the conference room.

Later,

Jim, WD9EYB

Date: Sat, 30 Dec 2000 13:31:00 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87556] FOR SALE NC40A/LDG Tuner/SSK-001 Key
Message-ID: <0E9GW6Ex3AkwtSQtQo000047b2@hotmail.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wilderness NorCal 40A with KC1 \$160.00 Shipped CONUS.

Neatly built and working FB about 2.5W out tuned for low end of 40m,
about 45kHz.

What can you say about the NorCal 40A that hasn't been said already?
It's a classic, and this is a fine specimen. Since I got my K2 long
ago I just don't seem to use it, and this is a rig that deserves to be
used: Contests, ragchews, fox hunting...I've done it all with this rig
and it performed wonderfully.

* * * * *

LDG QRP Tuner, \$110.00 Shipped CONUS.

This is a great tuner for the shack or car mobile usage. It seems to
tune just about anything! I've used it with my attic dipole and Vern
Wright's PW-1. Got a new Christmas toy and don't need this any longer.

Neatly built and working FB.

* * * * *

Nye Viking SSK-001 Squeeze Key, \$70.00 shipped CONUS

I bought this for car mobile excursions and never used it, changing
job situation. Like new condition, cable with 3.5mm plug installed. A
picture and description of this key is available at:
<http://www.morsex.com/nye/index.htm>

All items are complete with manuals/instruction sheets, and the Key
even has the original packaging. Power cables are included with the
radio and tuner.

* * * * *

BUNDLE SPECIAL buy all items for \$325 Shipped CONUS

* * * * *

** Happy Holidays **
73, Rod NØRC
Ft Collins CO

Date: Sat, 30 Dec 2000 13:05:50 -0800
From: Jeff Grudin <grudin@vdb.com>
To: qrp-1@lehigh.edu
Subject: [87557] Computer stuff for sale
Message-ID: <3A4E4E2E.2070504@vdb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I have 2 iomega zip drives for sale. These are the PC parallel port kind. I would like to get \$35 each plus shipping

I have an older HP 2X External CDR/CDRW writer. It also works through the parallel port. I have original box and documentation. I would like to get \$50 plus shipping

--
--

73 de AC6KW <mailto:grudin@vdb.com>
Jeff Grudin, DVM Web Add: <http://www.vdb.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Sat, 30 Dec 2000 16:37:51 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: DBirn61340@aol.com
Cc: qrp-1@lehigh.edu
Subject: [87558] Re: Ya' want ur straight key
Message-ID: <200012302112.QAA04427@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Is there a better switch to use for the contact ? Are there other homebrew
> straight key ideas out there? I thought about building one with copper clad

Dan,

A "TAC" button (type used in VCR's and mouse's) would probably be better. They have a very short length of action so will be more

repsonsive, so you can send faster. In fact, some people simply wire directly to the switches in a mouse and use it for a key or paddle!

I made a small wooden key with 1/4" Walnut from a hobby store. Used a shaft and bushings from a VCR capstan motor for the pivit. A 1/8" dia brass rod is the top contact in the arm, which also holds the knob in place (a round 1/2" knob from Wal-Mart) and a 4-40 screw with the head filed flat is the bottom contact.

Have fun, there are a lot of possible and creative ways to make a key!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sat, 30 Dec 2000 16:40:01 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87559] Key suggestions wanted
Message-ID: <00ce01c072a9\$14962e80\$7ff4fea9@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for suggestions for a small, rugged key for outdoor use. I do not need something with a keying circuit, just the key as the rig has one built into it.

Thanks

Scott
AC3A

Date: Sat, 30 Dec 2000 16:54:20 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [87560] Cell phone info
Message-ID: <c7.51df5a2.277fb38c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

I have a collection of cell phones here that I pick up at yard sales. Some are the newer type and can be used to dial 911 with no activation. I also have 2 of the older bag phones complete with all the wiring & batteries.

The 2 bag phones both transmit on the same frequency and put out a full 3 watts from the 12 volt battery.

QUESTION.

Is there any way I can modify these so that they can ring each other?

Thanks

Bob

WA2HOQrp <tm>

Date: Sat, 30 Dec 2000 16:56:58 -0500
From: "Rick - WW9JD" <ww9jd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87561] Re: Key suggestions wanted
Message-ID: <3A4E13DA.2971.1D05965@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Scott,

On 30 Dec 2000, at 16:40, Scott E. Olitsky wrote:

> I am looking for suggestions for a small, rugged key for outdoor use. I do
> not need something with a keying circuit, just the key as the rig has one
> built into it.

It doesn't look particularly rugged, but I've made many contacts with my Whiterook paddles (Model MK-44; abt \$20) and it sure is light. Their Web site is: <http://electronicsusa.com/mk.html>

73,

Rick

<><

Rick Dubbs WW9JD
Greenwood (near Indianapolis), Indiana USA
CARF #278; QRP-L #2184

Date: Sat, 30 Dec 2000 14:13:17 PST
From: Roger Traylor <traylor@ece.orst.edu>
To: qrp-1@Lehigh.EDU
Subject: [87562] Winter QRPP out yet?
Message-ID: <200012302213.0AA22674@tongu.ECE.ORST.EDU>

Gang,
Is the winter QRPP out yet or have my dues
expired? Thanks.

Roger Traylor
WB4TPW

Date: Sat, 30 Dec 2000 17:27:57 -0500
From: "Goody" <k3ng@fast.net>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87563] Re: Cell phone info
Message-ID: <005c01c072af\$c3067f00\$0269a8c0@pohopoco>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I have a collection of cell phones here that I pick up at yard sales.
> Some are the newer type and can be used to dial 911 with no activation.
> I also have 2 of the older bag phones complete with all the wiring &
> batteries.
> The 2 bag phones both transmit on the same frequency and put out a full 3
> watts from the 12 volt battery.
> QUESTION.
> Is there any way I can modify these so that they can ring each other?

Anything is possible, but you would have to really gut the phones and
totally rebuild them (reverse engineer the phone, reprogram the
microprocessor, etc.). Also, cell phones are designed to transmit on one
band and receive on the other. You would need to do extensive modifications
to make one of them transmit in the base to mobile band.

It would be cheaper, quicker, and easier to just buy service for both phones
! :) And it would keep your sanity intact as it would be a major
undertaking to modify them.

72
Goody

K3NG

Date: Sat, 30 Dec 2000 15:38:31 -0700
From: "Kevin Nathan" <k7rx@uswest.net>
To: <qrp-1@lehigh.edu>
Subject: [87564] Thanks for Information
Message-ID: <00e301c072b1\$3cae2f00\$0300000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Thanks for the answers on the DSW-20. I got what I needed to know.

72

Kevin, K7RX

Date: Sat, 30 Dec 2000 12:55:02 -0500 (EST)
From: n2go@arrl.net
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87565] Re: Cell phone info
Message-ID: <Pine.LNX.4.21.0012301249010.347-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

To get it to work all you would have to do is build a repeater :)
Figure out the transmit frequency of the phones and build a reciever for
it. NExt step would be build a transmitter that would be picked up by the
phones. Tie them together with a duplexerHey wait a minute..
The phone company already did that....
Yours would interfere with the phone company cell phone business. They are
probably licensed for those frequencies.

Now if there were a practical way to switch it to a ham frequency then it
would be possible. Maybe with transmit and receive converters?

73,

Jim n2go

Date: Sat, 30 Dec 2000 17:50:38 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [87566] W/R ANT
Message-ID: <20001230.175039.-514201.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all

now how did Randy kneaux what I was thinking.... the temp will be up in the twenties... that's warm up heah... and I could always use my wet suit under some type of outer clothing... so's the neighbors won't got themself all excited or calling 911...

I think I could get some kind of triangle up... about eighty foots on a side... a bit short for eighty... however I would be using twinlead with a chuner.... then again I could make two sides longer and put 284 foots... seems that should work on eighty and forty and thirty.... up at 50ft... it might even get me across the pond on forty and thirty....

we'll see what kinda wx comes on through... if the wind starts blowing it'll be a no-geaux fer sheaux....

ke1la joel

in maine

antennas on the brain

the worse the wx the easier the install and the better it works...

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End of QRP-L Digest 2052

